

3. The system of claim 22, wherein the recipient of the scrip is adapted to store one or more nonces utilized to create the value derived from an identification of the recipient of the scrip.

4. The system of claim 22, wherein the first system is adapted to receive the identification of the recipient of the scrip prior to issuing the scrip to the recipient.

5. The system of claim 4, wherein the first system is further adapted to hash the identification of the recipient of the scrip with a nonce and store the hash in the issued scrip as the value derived from the recipient of the scrip.

6. The system of claim 5, wherein the received identification of the recipient of the scrip is a hash of identifying information with a second nonce.

11. A method of providing a refund in an electronic commerce system, comprising the steps of:

receiving, by a second party from a first party, electronic currency for which the first party seeks a refund, wherein the electronic currency includes a first value derived from information identifying the first party and wherein the second party is unable to identify the first party with the first value;

receiving, by the second party from the first party, the information identifying the first party and values for transforming the information identifying the first party into the first value;

using, by the second party, the values for transforming the information identifying the first party into the first value to transform the information

identifying the first party into a second value;
comparing, by the second party, the second value with the first value; and
enabling, by the second party, a refund for the electronic currency if the first
value matches the second value.

12. The method of claim 11, wherein the step of receiving the information identifying the first party and values for transforming the information identifying the first party into the first value comprises the steps of:

receiving, by the second party, information uniquely identifying the first
party; and
receiving, by second party, at least one nonce with which the information
uniquely identifying the first party is hashed to produce the second
value.

13. The method of claim 11, wherein the information identifying the first party includes a predetermined value.

14. The method of claim 13, wherein the predetermined value is a text string.

15. The method of claim 11, further comprising the step of:
issuing, by the second party to the first party, a refund coupon entitling the
first party to a refund for the electronic currency.

16. The method of claim 15, further comprising the steps of:
receiving, by a third party from the first party, the refund coupon and the elec-
tronic currency for which the first party seeks a refund;

receiving, by the third party from the first party, an identification value for electronic currency previously issued by the third party; and issuing, by the third party to the first party, electronic currency having the provided identification value.

C1 17. (Twice Amended) A computer readable medium having computer instructions encoded thereon for directing a computer system to perform steps for providing a refund in an electronic commerce system, the steps comprising:

- receiving a request to refund electronic currency, the electronic currency including a value identifying the party to whom the currency was issued;
- receiving, from the party seeking the refund, identifying information identifying the party seeking the refund and values for transforming the information identifying the party seeking the refund into the value identifying the party to whom the currency was issued;
- utilizing the received values to verify that the received identifying information matches the value in the electronic currency identifying the party to whom the electronic currency was issued; and
- responsive to a positive verification, entitling the party to whom the electronic currency was issued to a refund for the electronic currency.

C2 19. (Twice Amended) The computer readable medium of claim 17, wherein the step of receiving values comprises:

- receiving one or more nonces with which the information identifying the party seeking the refund is hashed to produce the value identifying the party to whom the currency was issued.

C3
20.(Amended) The computer readable medium of claim 17, wherein the step of entitling the party to whom the currency was issued to a refund for the electronic currency comprises:

issuing a refund coupon to the party seeking the refund;

wherein the party seeking the refund can use the refund coupon to refund the electronic currency at a party who issued the electronic currency.

C4
21. (Twice Amended) The computer readable medium of claim 17, wherein the steps for providing a refund in an electronic commerce system further comprise:

receiving electronic currency containing a first value identifying the party to

whom the currency was issued;

hashing the first value with a nonce to form a second value identifying the

party to whom the currency was issued; and

issuing electronic currency incorporating the second value; wherein

the received request to refund electronic currency comprises a request to re-

fund the electronic currency incorporating the second value.

22. A system comprising:

a first system for issuing scrip, the scrip including a value derived from an

identification of a recipient of the scrip; and

a second system for receiving the scrip issued by the first system from a party

seeking a refund and issuing a refund in response thereto, the second

system further adapted to receive from the party seeking the refund the

identification of the recipient of the scrip and values enabling trans-

formation by the second system of the identification of the recipient of

the scrip into the value derived from the identification of the recipient

of the scrip, and to utilize the received values to verify that the party seeking the refund is the recipient of the scrip.